

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/06416

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ H01J29/07, 9/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ H01J29/07, 9/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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Kokai Jitsuyo Shinan Koho	1971-2003	Jitsuyo Shinan Toroku Koho	1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, A	EP 1220274 A2 (Kabushiki Kaisha Toshiba), 03 July, 2002 (03.07.02), Full text; all drawings & JP 2002-197989 A	1-6
A	JP 2001-297708 A (Kabushiki Kaisha Toshiba), 26 October, 2001 (26.10.01), Full text; all drawings (Family: none)	1-6
A	JP 8-293266 A (Kabushiki Kaisha Toshiba), 05 November, 1996 (05.11.96), Full text; all drawings (Family: none)	1-6



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:
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 "&" document member of the same patent family

Date of the actual completion of the international search
 22 August, 2003 (22.08.03)

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 02 September, 2003 (02.09.03)

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 Japanese Patent Office

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